

**Table 19: Federal Species of Concern (FSC) (31 January 2008 USFWS list) Cont.**

Common Name	Scientific Name	County (M/S) <sup>a</sup>	State Designation <sup>ba</sup>	Potential Habitat <sup>c</sup>
Torrey's mountain mint	<i>Pycnanthemum torrei</i>	M*	SR-T	No
Rugel's ragwort	<i>Rugelia nudicaulis</i>	S	T	No
Carolina saxifrage	<i>Saxifraga caroliniana</i>	M	SR-T	Yes
Blue Ridge ragwort	<i>Packera millefolium</i>	M	--	No
Dwarf aster	<i>Eurybia mirabilis</i>	M	--	No
Anderson's Melon moss	<i>Brachymenium andersonii</i>	M	--	Yes
Southern oconee-bells	<i>Shortia galacifolia</i> var. <i>galacifolia</i>	S	E-SC	Yes
Mountain catchfly	<i>Silene ovata</i>	M/S	SR-T	Yes
Granite dome goldenrod	<i>Solidago simulans</i>	M	SR-L	No
Mountain thaspium	<i>Thaspium pinnatifidum</i>	S*	SR-T	No
A liverwort	<i>Cephaloziella obtusilobula</i>	M*	W2	No
A liverwort	<i>Plagiochila sharpii</i>	M	SR-L	No
A liverwort	<i>Plagiochila sullivanii</i> var. <i>sullivanii</i>	M/S	SR-T	No
A liverwort	<i>Plagiochila virginica</i> var. <i>caroliniana</i>	M	SR-T	No
A liverwort	<i>Porella wataugensis</i>	M*	SR-L	No
A liverwort	<i>Sphenolobopsis pearsonii</i>	S	PE	No

<sup>a</sup> M-Macon, S-Swain.

<sup>b</sup> E-Endangered; PE-Proposed Endangered; PT-Proposed Threatened; T-Threatened; SC-Special Concern - "Any species of wild animal or once-native to N.C. which is determined by NCWRC to require monitoring but which may be taken under regulation adopted under the provisions of Article 25 of Chapter 113 of the General Statutes; 1987; SR-Significantly Rare - "Any species not listed by the NCWRC as E, T, or SC", but has been determined to need monitoring by NCNHP; SR-L - Significantly Rare, the range of the species is limited to N.C. and adjacent states; SR-T - Significantly Rare, throughout range; W-Watch List. Updated November 2003 (NCNHP 2003b).

<sup>c</sup> Proposed habitat based extensively on Amoroso (2002), LeGrand *et al.* (2001), and other literature previously cited.

\* Historic Record. \*\* Obscure Record.

According to NCNHP records, FSC species have been documented within the project study area and within 3.0 miles of the project study area. FSC species documented to occur within the project study area include the wounded darter, olive darter, sicklefin redhorse, and tawny crescent butterfly. The wounded darter, olive darter and sicklefin redhorse have also been documented both upstream and downstream of the project study area.

### 3. State Protected Species

Species of mammals, birds, reptiles, amphibians, and plants with the North Carolina status of Endangered (E), Threatened (T), and Special Concern (SC) receive limited protection under the North Carolina Endangered Species Act of 1987 (G.S. 113-331 *et seq.*) and the North Carolina Plant Protection Act of 1979 (G.S. 106-202.12 *et seq.*). In addition to the FSC species records identified above, six other state listed species and one NCNHP monitored SR species have been documented within 3.0 miles of the project study area (**Table 20**).